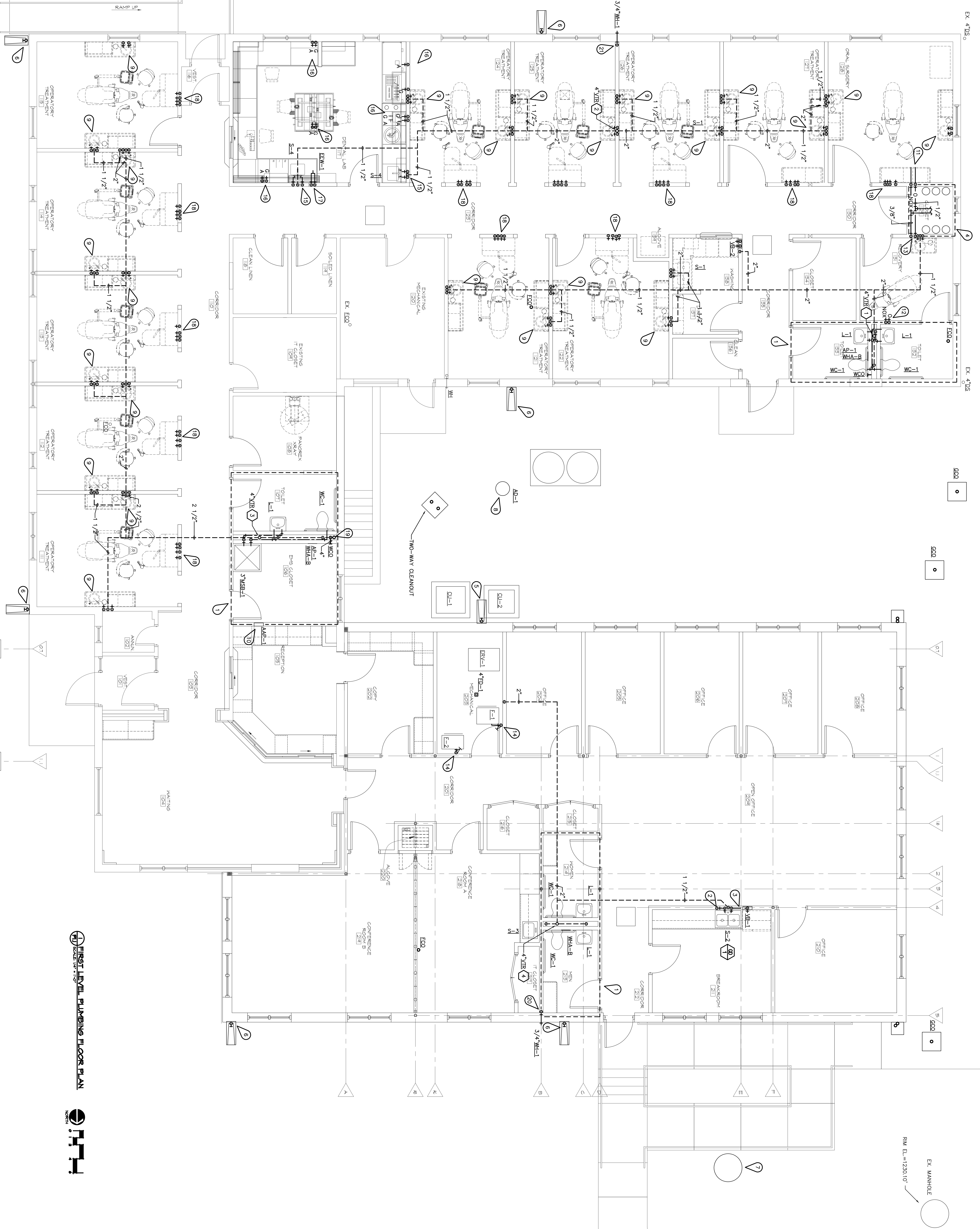


1. INSTALL WALL CLEAN OUTS (W.C.O.) ON ALL SANITARY & STORM STACKS AT 4' OR A.F.F. OR AT 42" A.F.F. WHEN LOCATED BEHIND A WATER CLOSET OR CLOMBERTY.
2. COORDINATE EXIST STORM PIPE CONNECTIONS WITH STORM DRAIN LOCATIONS SHOWN ON ARCHITECTURAL ROOF PLAN. (TYP. OF ALL STORM DRAIN).
3. ROUTE ALL STORM PIPING AS HIGH AS POSSIBLE AND SLOPE AT 1/8" PER FOOT UNLESS STATED OTHERWISE ON DRAWING.
4. INSTALL VENT PIPING FOR ALL PLUMBING FIXTURES PER LOCAL CODE.
5. PROVIDE RP2 BACKFLOW PREVENTERS IN ACCORDANCE WITH LOCAL CODES. PROVIDE AIR GAP FITTINGS AND ROUTE TO NEAREST FLOOR DRAIN OR FLOOR SINK.
6. MECHANICAL EQUIPMENT REQUIREMENTS.
7. TIE ALL COPPER FITTINGS AS LONG AS SILVER BRAZING IS USED RATHER THAN REGULAR SOLDER.
8. ON ALL GAS FIRED EQUIPMENT, PROVIDE GAS REGULATORS, REGULATOR VENT PIPING, SHUTOFF VALVES, DIRT LUGS AND UNIONS. REGULATE GAS PRESSURE TO 2 PSI TO THE GAS WATER COLUMN. ALL GAS PIPING SHALL COMPLY WITH LOCATION OF GAS OUTLETS TO EQUIPMENT WITH MECHANICAL CONTRACTOR.
9. COORDINATE LOCATION OF ALL PLUMBING EQUIPMENT AND PIPING WITH OTHER TRADES ON THE SITE BEFORE PROCEEDING WITH WORK. COORDINATE ROUTING OF PLUMBING PIPING WITH ELECTRICAL PANELS. DO NOT INSTALL PLUMBING PIPING ABOVE ELECTRICAL PANELS.
10. REMOVE, REPAIR, AND REPLACE WALLS, FLOORS, ROOFS, AND CEILINGS TO INSTALLATION FLOOR FINISHES AND PATCHING BY GENERAL CONTRACTOR.
11. EXISTING PIPING IS SHOWN IN ITS APPROXIMATE LOCATION. PROVIDE FOR ELECTRICAL PIPE LOCATING TO DETERMINE EXACT LOCATION OF EXISTING PIPING.
12. ALL OPENINGS IN WALLS AND FLOORS FOR PIPING SHALL BE CORE DRILLED OR SAW CUT, FILL DRYN, UNLESS STATED OTHERWISE.
13. SITE UTILITIES: THE CONTRACTOR IS TO CONTACT THE LOCAL MUNICIPALITY TO UTILITIES ARE A PUBLIC UTILITY AND ARE IN THE SCOPE OF WORK FOR THE CURRENT PROJECT. THE CONTRACTOR SHALL CONFORM TO THE LOCAL MUNICIPALITY FOR THE WORK REQUIRED ON THE PROJECT.
14. LOAD LINE WEIGHT INDICATES EXISTING AND/OR EQUIPMENT TO REMAIN. BOLD LINE WEIGHT INDICATES NEW WORK TO BE INSTALLED THIS CONTRACT.
15. PROVIDE OPENINGS THROUGH FIRE RATED WALLS SHALL BE CALKED WITH APPROVED FIRE RATED MATERIALS. SEE SPECIFICATIONS.
16. SUPPORT ALL PIPING, EQUIPMENT FROM BUILDING STRUCTURE MEMBERS. PROVIDE SUFFICIENT BRACING TO PREVENT SWAYING OR EXCESSIVE DEFLECTION TO SUCH POINTS AS TO NOT SUPPORT PIPING. DO NOT SUPPORT PIPING FROM OTHER PIPING, DUCTWORK OR JOINTS. PROVIDE SUFFICIENT BRACING TO PREVENT SWAYING OR EXCESSIVE DEFLECTION. BAR JOIST OR FROM METAL ROOF DECK.
17. ALL PLUMBING WORK SHALL BE LOCATED ABOVE CEILING, IN PIPE CHASE, OR OTHER CONCEALED LOCATION. UNLESS NOTED OTHERWISE, ALL PLUMBING AND AIR/COLD WATER, DRAIN PIPES, ETC. TO BE ACCESSIBLE THROUGHOUT THE PROJECT. PROVIDE ACCESS PANELS OR ACCESS DOORS, PROVIDE AN ACCESS PANEL OR DOOR AS SPECIFIED FOR ALL NON-ACCESSIBLE INSTALLATIONS.
18. INSTALL REGIONAL VALVES ON EACH BRANCH AND/OR RISER SERVING AND ELEMENTS AS INDICATED. INSTALL VALVES CLOSE TO MAIN AS POSSIBLE.
19. ALL PLUMBING WATER PIPING LOCATED BELOW GRADE SHALL BE TYPE "X" CONTINUOUS COPPER WITH NO JOINTS BELOW GRADE.
20. PIPING IN EXISTING BUILDING WALLS SHALL BE LOCATED ON THE WARM SIDE OF EXISTING EXTERIOR WALLS. PROVIDE BARRIER BUILDING INSULATION SHALL RUN CONTINUOUS BETWEEN PIPING AND BUILDING WALL.
21. REPAIR ALL PIPE INSULATION DAMAGED BY NEW CONNECTION PROCESS OR REPAIR SHALL BE OF NEW CONSTRUCTION MATERIALS.
22. ADA WATER CLOSET(S) FLUSH CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF THE WATER CLOSET AREA AND AT A HEIGHT COMPLIANT WITH ADA GUIDELINES.
23. INSTALL VENT-THRU-ROOF (VTR) A MINIMUM OF 10'-0" AWAY FROM AN OUTSIDE AIR INTAKE.

PLUMBING KEYNOIES

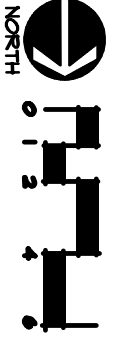
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|----|--|
| 1 | SEE RISER DIAGRAMS ON SHEET P-31 FOR PIPE SIZES AND CONTINUATION. |
| 2 | CONNECT 3/4" MWC LINE TO 3/4" P-31 LINE IN WALL PER CODE. |
| 3 | ROUTE 1/2" CW LINE IN WALL TO YALVE BOX <u>BE</u> L. INSTALL <u>YE</u> L PER CODE. |
| 4 | SEE DETAIL <u>7/P-1/P-21</u> FOR INSTALLATION OF OXYGEN AND NITROUS OXIDE TANKS AND EXHAUST PIPING AND CONTROLS. |
| 5 | MECHANICAL LOCATION OF DOWNSPOUT SPASH BLOCK AND INCONCRETE PAD WITH CONCRETE CONTRACTOR AND CONDENSED UNITS IN THIS AREA. |
| 6 | TERMINATE GUTTER DOWNSPOUT ONTO NEW CONCRETE SPASH BLOCK. SEE ARCHITECTURAL FOR SPASH BLOCK DETAIL. |
| 7 | NEW STORM MANHOLE. SET RM ELEVATION AT 1232.12'. |
| 8 | NEW AREA DRAIN CATCH BASIN. SET RM ELEVATION AT 1232.15'. |
| 9 | PROVIDE 1/2" CW AND 1/2" HD STUB OUTS WITH SOLID BRASS STOPS AND FLEX CONNECTIONS FOR WATER SERVICE TO SINK. PROVIDE 1-1/2" HEAVY CAST BRASS ADJUSTABLE P-T-RAP AND 17 GROUND TUBULAR WALL BRID. |
| 10 | AREE, ALUMEN PANEL, SERVING VACUUM PUMPS AND AIR COMPRESSORS. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT. <u>SEE 17/P-1/P-21</u> |
| 11 | 1/2" OXYGEN AND 3/8" NITROUS OXIDE LINES DOWN IN WALL. ROUTE IN CABINET TO QUICK DISCONNECT OUTLET STATION. <u>SEE 14/P-1/P-21.</u> |
| 12 | 1/2" OXYGEN AND 3/8" NITROUS OXIDE LINES DOWN IN WALL TO PIPE CHASE BELOW. COORDINATE WITH OWNER AND ARCHITECT EXACT LOCATION OF QUICK DISCONNECT OUTLET STATION. |
| 13 | 1/2" OXYGEN AND 3/8" NITROUS OXIDE LINES DOWN IN WALL TO PIPE CHASE BELOW. SEE SHEET P-10 FOR CONTINUATION OF PIPING. |
| 14 | INSTALL GAS SHUTOFF VALVE ON VERTICAL GAS PIPING FROM BELOW FLOOR. CONNECT GAS PIPING TO FURNACE PER MANUFACTURER'S RECOMMENDATIONS. |
| 15 | PROVIDE 1/2" CW AND 1/2" HD TAPS, 1/2" SANITARY LINE WITH P-T-RAP AND STOPS FOR CONNECTION TO RELOCATED SINK IN THIS AREA. |
| 16 | COORDINATE LOCATIONS OF AIR AND GAS OUTLETS IN CABINETRY WITH OWNER AND EXISTING CABINETRY REQUIREMENTS. SEE ARCHITECTURAL ELEVATIONS FOR CLARIFICATION. |
| 17 | 1/2" CW AND 1/2" HD UP FROM BELOW FLOOR TO WYMAN VALVE. SET TEPID WATER OUTLET TO 85° SERVING EMERGENCY TOWELS <u>BE</u> L. |
| 18 | 1/2" CW, 1/2" GAS, 1/2" AIR AND 2" VAC LINES FROM BELOW FLOOR. CONNECT TO OWNERS PROVIDED CABINET WORKSTATION EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. |
| 19 | 2" PVC VACUUM PUMP EXHAUST FLUE FROM BELOW FLOOR. ROUTE FLUE UP MANUFACTURER'S REQUIREMENTS WITH GOODERSON AND SODEREN. INSTALL PER MANUFACTURER'S REQUIREMENTS. |
| 20 | TERMINATE 3/4" CW LINE SERVING BARBERSHOP GROUP IN WALL AND PERMEATE THROUGH EXTERIOR WALL WITH WALL HOBART. INSTALL PER SPECIFICATIONS. |
| 21 | 3/4" CW LINE UP FROM GRAM. SPACE BELOW SERVING NEW 3/4" WALL HOBART <u>W</u> ALL. |



IMPORTANT CONTRACTOR'S NOTE

1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.
2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.

1 FIRST LEVEL PLUMBING FLOOR PLAN
SCALE: 1/4" = 1'-0"



PLUMBING FLOOR PLAN

Construction Documents (100%) Submittal

Approved: _____	Date: _____
Approved: _____	Date: _____
Approved: _____	Date: _____

BUILDING SIX
RENOVATION/ ADDITION

VAMC Omaha, NE		
Date	Checked by	Drawn by
RECEIVED JAN 20 2009		

OUR DRAIN OR FLOOR

and Facilities

Management

Department of
Veterans Affairs